

Swimming Pool / Water Attraction Inspection Form

OPERATOR - The violations in operating procedure or physical arrangement indicated below must be corrected by the next routine inspection or such period of time specified.

DESIGN & CONSTRUCTION	
01	Plans submitted, approved.
02	Pool designed and constructed.
WATER TREATMENT SYSTEMS AND WATER QUALITY	
03 RECIRCULATION SYSTEM	
-	Recirculation system meets Comm 90.11 Separate recirculation systems for each pool – New recirculation system continuously operated.
-	Skimmers, gutters, drains operated properly. Water level maintained
-	Proportional flow - gutter or skimmers versus drain.
-	Skimmers, skimmer covers, weirs, gutters, drains, water inlets - number, clean, good repair, installed, operated.
-	Inlet flow, direction and uniform pool distribution.
-	Strainer baskets in use, maintained, cleaned daily, and spare available.
-	Surge tank operated as designed.
-	Pump installed, maintained; Circulation rate-turnover.
-	Pool volume 25000 gals) flowmeter 72 gpm) 60 = Turnover time 5.7 /hrs.
-	Gauges maintained, operated, accurate, installed, approved; pressure or vacuum gauge.
-	72 psi inf. psi eff/comb.
-	Piping coded or labeled
-	Data plate affixed to filtration unit. Operated per data plate.
-	Filter backwashed per data plate. Rapid Rate, High Rate , or Vacuum Filter backwashed or cleaned, maintained, operated, installed
-	Replacement cartridges: Sand , Diatomaceous Earth. , Cartridge. ,
-	Filter media annually inspected and maintained clean.
-	DE Filters: Backwashed at proper pressure differential, vacuum gauge reading, Septum Covers maintained or replaced, Separation tanks cleaned, Tanks maintained , Slurry feeder properly operated.
-	Cartridge Filters : Removed or cleaned at 11 lbs pressure differential or per data plate.
-	Duplicate set available and replaced when damaged.
04 LABELING, STORING, MIXING AND HANDLING CHEMICALS	
X -	Chemicals labeled: Name, manufacturer, directions, ingredients, hazardous ingredient warning, EPA number.
-	In original, properly labeled container, in a clean, dry well ventilated and locked (authorized only) area away from flammables, incompatible chemicals and heat sources. No smoke or food. Not in Cl Gas area.
-	Chemical added to water, not water added to chemical. Added separately.
-	Smoking in vicinity or by person handling prohibited.
-	MSDS Sheets readily available at pool attraction.
05 DISINFECTANT FEEDERS AND FILTER AID EQUIPMENT	
-	Disinfectant feeders designed and operated in compliance with Comm and manufacturer including: automatic with flow valves and meters, vented with anti-siphon control, electrically connected to recirc. pump, disconnect switch.
-	Maintenance that may harm public done when pool is closed.
-	Gas Chlorinators: Only maintained by trained certified persons.
06 DISINFECTANT FEEDING AND RESIDUAL	
-	Automatically and continuously disinfected in compliance with HFS 172.13 .
-	Chlorine and Bromine Use : Product registered with EPA and WDATP, easily measurable, compatible, non toxic and safe to use and store.
-	Bromine Limitation: Not used in waterslide, pool slide, plunge, or wave pool without written approval.
-	Gas Chlorination Use: Staff trained , SCBA , Leak detector available and tested, Signage , Phone , and Emergency contacts , Written emergency plan ,
-	Switch location , Door warning , cylinder storage requirements .
-	Chemical Feeding Positive Displacement : Fed through piping, surge or vacuum. Flow Through : Chemical, manner and quantity per manufacturer. Dry Feeders : Proper operation per manufacturer.
-	Chemical concentration (w/without stabilizer) and residuals per HFS 172.14 for Activity, Wading, Wirlpool, Water Attraction, Plunge, Wave, IPAs and slides.
-	Cyanuric Acid 0-30 ppm. Cyanuric Found : 0ppm
-	PH maintained between 7.2-7.8. PH Found : 7.6
-	Alkalinity maintained between 60-180ppm. Alkalinity Found : 120ppm
-	Combined Chlorine: 0.5 or below indoors/0.8 or below outdoors or beakpoint treated. Combined Chlorine Found :
-	Maximum Chlorine 10 or less. Free Chlorine Found : 7.6ppm
-	Maximum Bromine 20 or less. Bromine Found :
-	Oxidation Potential Controller between 650-850 mV. OPC Found :
-	Waterslide , plunge or wave pool equipped w/ Electronic Monitoring, min free Cl above 1.0 ppm. Free Chlorine Found :
07 ALTERNATIVE DISINFECTION SYSTEMS	
-	Chlorine Generator : Approved and installed per NSF. Ozone Generator : Ozone in return not to exceed 0.1ppm, Electrically connected to recirc. pump, off-gassing in areas not to exceed 0.1ppm. UV Light Generator : Approved and installed per NSF .
08 WATER QUALITY	
-	Free of chemical, physical, and microbial substances capable of reactions or irritations.
-	Main drain readily visible from deck.
-	Water quality - Algae and Bacteria control. Sampling Requirements Microbiology Safe , Unsafe (Follow-up - ASAP)
09 WATER TEST KITS	
X -	Department approved, appropriate for pool chemistry, in original container , maintained, DPD used , Measures Cl 0-10 ppm or Br 0-20 ppm in increments of 0.2ppm
10 WATER TESTING FREQUENCY	
-	Pool w/o functioning Electronic Monitoring : PH/Disinfectant 2X/Day, 1 before, 1 during peak use. 2X/Wk comb. Cl, 1X/WK Alkalinity, 1X/Wk Cyan. Whirl, Therapy and Exercise Pool w/o functioning Electronic Monitoring : PH/Disinfectant 4X/day, 1 before, 2 during use, 1X/Day for comb. Cl, 1X/WK Alkalinity. With Electronic Monitoring : Ph/Disinfectant1X per day with approved kit
11 WATER SUPPLY AND TEMPERATURE	
-	Potable water source , proper air gap and back-siphon protection, proper water level (weir half submerged), accurate/accessible thermometer on return.
-	Temperature – w/in limits: Indoor 72-95F, Outdoor 65F+, Whirlpool <105F Cold Soak (Temp. sign posted). Accurate Thermometer in return line.
STAFFING POOLS	
12 OPERATORS	
-	Pools under the supervision of an operator knowledgeable in: Overall maintenance, backwashing, shutdown, vacuuming and water chemistry.
-	Water Attraction Staffing : Staffed with Certified WA Operator, Cert available
13 RESPONSIBLE SUPERVISOR	
-	Supervisor on site or available at all times by phone, phone number posted at emergency phone, Knowledge in duties and authority to close pool .
14 LIFEGUARDS AND ATTENDANTS	

-	Pool under 172.23 or whirlpool over 4' deep and pool with visual obstruction, or water attraction/complex submitted lifeguard staffing plan for approval.		(before and after closing), formed or not, procedures followed, patron count, and time between occurrence, detection, and resolution.
15	LIFEGUARDS AND ATTENDANTS CONT'D	23	MONTHLY REPORTS AND RECORDS
-	Pools required under 172.23A and 172.23B to have lifeguard have sign posted with 4" letters stating "No Lifeguard on Duty".	-	Operator maintains daily operation reports* on forms provided and submits no later than the 10 th of each month.
-	Plan for whirlpool under 173.23 in a WA Complex includes, at a minimum, a periodic attendant. If not constantly supervised, Sign with 4" letters posted.	-	Operator reports by phone or fax to agent, all injuries, illness or deaths resulting in the assistance of emergency medical personnel.
-	Lifeguard certifications including: Lifeguard, 1 st Aid, CPR on at pool and avail.	-	Operator maintains on premises, monthly monitoring*, lab analysis**, fecal response*, copy of HFS 172, pool construction plans, pump, filter and operational info**, CDC's recommendation for fecal accidents, *2 yrs, **7 yrs
-	Lifeguards under 172.23(1) supervising a WA over 2000 Ft2 and >4' in depth has proper certification(s).	24	FACILITY REPAIR AND MAINTENANCE
-	Attendants not used in place of lifeguards.	-	Genera I: Brushed or vacuumed to keep free of sediment slime, discoloration and etc., Cracks and pitting repaired, No shatterables.
-	Lifeguard apparel and equipment required	-	Deck and Pads : Good repair, rinsed daily , unobstructed, and depth markings maintained clear.
-	Lifeguard not assigned duties causing distraction from lifeguarding duties.	-	Walls, Ceilings, and Floors : clean and sanitary.
16	LIFEGUARD/ATTENDANT PLACEMENT AND STAFFING PLANS	-	Hose and bibs : Hose reaches all of deck. Backsiphon protection in place.
-	Pool >2000 ft2 staffed pursuant to HFS 173.23A and B or portion closed . Still must meet minimum requirements of pools 2000-4999 ft2.	-	Located for convenient cleaning of shower, dressing, and toilet areas.
-	Activity Pools (Pad walk , tethered floatable , non-tethered floatable), leisure river , vanishing edge , vortex and current , wave , wading , exercise , whirl , therapy pools . Pools with visual obstruction, diving boards/platform .	*	Pool equipment installed, located, maintained, and repaired as required.
-	Interactive Play Attraction (Splash Pad), children's slide , pool slide 4-6', pool slide 4-6' obstructed view, drop slide , run-out slide , and water slides . If pool doesn't conform with above, an evaluation sought.	-	Spectator areas unobstructed and clean.
*	Additional lifeguard provided for every 100 persons over 336.	-	Drinking fountain in place, operational, and clean.
-	Additional lifeguard provided for every 2 slide flumes not in a separate waterslide plunge pool.	-	Toilet, shower, and dressing facilities clean and sanitized at least daily.
*	Attendant able to enforce waterslide rules shall be at entrance of flume .	-	Showers operable and maintain 3-5 gal/minute.
-	Lifeguard requirements met for instructional programs operated.	-	Dressing room lockers and furniture clean and maintained.
	OPERATION AND MANAGEMENT	-	Soap continually provided at each sink and shower in permanent fixtures.
17	PERMISSIBLE PATRON LOAD	-	Individual towel dispensers or air dryers provided at each handsink.
-	Water Attraction (WA) : 1 person/15 ft2 of water surface (splash zone incl) Swimming or Combo Pool : 1 person/15 ft2 shallow and 1/25 ft2 deep. See code for calculations if there is a diving board.	-	Toilet paper continuously provided on permanently installed dispensers.
-	Whirlpools : 1 person/10 ft2 of surface area.	-	If bathing suits provided, properly laundered and dirty separated from clean.
-	Wading Pool : 1 person/15 ft2 of surface area.	-	Sufficient, clean, durable, and maintained garbage cans with tight fitting lids.
-	Therapy and Exercise Pool : 1 person/ 15 ft2 shallow and 1/25 ft2 deep.	-	Water heaters and heat exchangers in good condition.
18	RESCUE EQUIPMENT	-	HVAC operable and provides air movement as required in Com 61-65 to prevent excessive condensation and air quality problems.
-	In good repair, mounted conspicuously and maintained in good repair.	-	Electrical and lighting maintained in good repair and operating condition.
-	Crook provided for >4' length and 2' deep.		POOL/SLIDE/WATER ATTRACTION CONSTRUCTION AND DESIGN
-	20" or greater ring buoy with 1/4" rope not less than 1-1/2X pool width or 50 ft. or a rescue tube provided if lifeguard or pool 30 ft in width or more.	25	POOL DESIGN
-	Safety rope in place separating deep and shallow end.	-	No dangerous conditions or objects in the pool area.
-	Spine board with head immobilizer on site if lifeguard is required.	-	Gates and door maintained. Locked when pool is closed or not in use.
-	Working phone in pool area with emergency numbers and address posted.	-	Outdoor pool enclosure at least 5' in height
19	FIRST AID SUPPLIES	-	Pool area has open out, self closing and lockable latching gates or doors
X -	2 durable blankets and first aid kit containing: gauze 4x4 and 8x10, adhesive and triangular bandages, scissors, gauze roll, tweezers, tape, eyewash, elastic bandage, gloves, face mask and cold pack provided.	-	Pool closed sign posted during hours of non-operation
*	Biohazard disposal kit on premises.	-	Deck landscaping features in compliance
20	POSTING POOL AND WATER ATTRACTION RULES	26	WATERSLIDE AND POOL DESIGN
-	Food and drink facilities not within 12 feet of water's edge.	*	Water and pool slides designed and installed per Comm 90.30 .
-	Safety and sanitation rules posted and enforced.	-	Slide lubrication (water-flow) per Comm 90.30 and 90.206(3)(b)(2) and 3.
-	Rule include the following:	-	Plunge area for water/pool slide continuously separated as approved.
-	General : (Required at all pools)	27	WATER ATTRACTION, PLAY FEATURES, AND SLIDE DESIGN
-	200 ft2 or greater with no diving well post 4" letters, "No Diving". Maximum patron load , AND Disease or cut, food, drink, gum, tobacco, shower, rough play, animals, diaper changing, and glass.	*	Designed, constructed and maintained so that patron loads don't stress.
-	Whirlpool rules include : Elderly and compromised, minors under 12 unsupervised, under influence, pregnant, lengthy exposure, under 6 not permitted.	-	Interior and exterior parts patrons may contact are safe (bolts, edges, etc.
-	Pool Slide and Waterslide rules include : Not under alcohol or drug use, follow instruction, no standing, kneeling etc, hands kept inside, leave plunge immediately, WARNING water depth is _____.	-	Padding provided to protect patron where necessary.
-	Interactive Play Attraction rules include : Communicable, food drink etc, animals, rec wheel transport prohibited and diaper changing.	-	Public protected from hazardous parts including pinch and shear points.
-	Vortex and Current Pool rules include : General and "Artificial Current, Strong Swimmers Only" in 4" letters.'	-	Guards removed for maintenance replaced prior to operation.
-	Cold Soak Pool rules include : General and must list temperature in F.	-	Wheels/Levers for patrons to control water designed and maintained safe.
-	Closed sign : posted during closed hours.	-	Attractions fenced, barricaded or arranged to protect patrons from hazards.
-	Swim diapers required if non-toilet trained children allowed in pool.	-	Fences: 42" above water surface, reject 4" ball, immovable, and proper gate.
21	POOL CLOSING CRITERIA	-	Gate: Doesn't contact attraction and does not cause hazard to patron.
-	Pool shall be closed for any of the following:	-	Fence/Gate inhibit spectator contact with attraction or cause hazard.
-	Hazardous substance or dangerous condition including fecal accidents	-	Loading and unloading areas separated from moving parts.
-	Failure to comply with water quality requirements of HFS 172.16	-	Flexible barrier provided to prevent access to passenger carrying devices.
-	Failure to comply with disinfectant residual levels of HFS 172.14	-	Moving sweeps: Guarded with guardrail or center cover with 200 lb. capacity
-	Failure to maintain PH between 6.8 and 8.0	-	Spectator area separated from water area by railing or other barrier.
-	Non-operational circulation pump, filter, or feeder.	-	Interactive Play Attraction has: An attendant if not restricted access, working drains, no vegetation, spray features activated at least 30 min. before opening each day.
-	Failure to comply with lifeguard requirements of HFS 172.23 A and 172.23B	28	WATER ATTRACTION, PLAY FEATURES, AND SLIDE DESIGN
-	Failure to provide the availability of a responsible supervisor .	-	Water Attraction (WA) maintained, repaired and modified in accordance with recognized safe practices.
22	FECAL ACCIDENT REPONSE	-	Improperly maintained, modified or repaired WA's closed to public.
*	Operator used the CDC guidelines for fecal accident response	-	Defective or worn parts repaired or replaced with equal or better parts by competent, qualified mechanics. Bolts, fasteners, wire and nails used for their intended purpose only. Round, split or structurally unsound materials replaced.
-	Operator documents all fecal responses including date, time, free Cl, Ph	-	Periodically inspected and operational tested and written records kept.
		-	WA's and pools/slides inspected and operationally tested EACH DAY before use, including control devices and safety equipment.
		-	Water slides (100gal/min) evaluated every 5 years by an engineer of slide or platform
		-	Record of engineer's evaluation kept on site.

DEFINITIONS: A-L

DEFINITIONS M-Z

Disinfectant used: NaOCl

Filter aid; if any:

pH 7.8

Free chlorine residual: 3.8

Combined chlorine 0ppm

Alkalinity 120 ppm

Calcium Hardness 180 ppm

Cyanuric Acid 0ppm

Bromine ppm

Water temp 84 °F

Air temp. 72°F.

COMPLIANCE ITEMS:

Record Code Violations

Violation Number	Description / HFS 172 Reference Number / Corrective Action Required	Compliance Date	Corrected ? Yes/No
4	<p>Chlorine drum is not labeled with required chemical identification or warning information.</p> <p>DHS 172.12 Labeling, storing, mixing, and handling chemicals. (1) LABELING. Except for erosion feeders, which require only the name of the chemical, all chemicals used in the operation and maintenance of pools, and bulk storage tanks containing the chemicals, shall be conspicuously labeled with the following information:</p> <p>(a) Name of the product. (b) The manufacturer's name and address. (c) Active ingredients. (d) Directions for use. (e) Hazardous ingredient warning. (f) The U.S. environmental protection agency registration number.</p> <p>CORRECTIVE ACTION: Chlorine bulk container must be labeled as cited above per DHS172.12. Chemical supplier should be able to supply this label.</p>	Immediate	

19	<p>First aid kit was not readily accessible nor was the location clearly stated on signage.</p> <p>DHS 172.27 First aid supplies. (1) A first aid kit of a sort approved by the department and 2 durable blankets in good condition shall be available at each pool area. The first aid kit shall contain all of the following items:</p> <ul style="list-style-type: none"> (a) Gauze pads – 4_ x 4_. (b) Gauze pads – 8_ x 10_. (c) Adhesive bandages. (d) Triangular bandages. (e) Scissors. (f) Gauze roller bandage. (g) Tweezers. (h) Adhesive tape. (i) Eye wash. (j) Elastic bandage. (k) Disposable surgical gloves. (L) Resuscitation pocket face mask. (m) Instant cold packs. <p>(2) Biohazard safety equipment, including a blood and biohazard disposal kit shall be located at the first aid station or another location on the premises approved by the department.</p> <p>CORRECTIVE ACTION: Please add signage or an additional container to clearly show where the first aid kit is located.</p>	Immediate	
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Note: The following condition(s) identified as out of compliance that are not conditions dangerous to health and safety, but are code violations and shall be corrected at the change of owner/operator PRIOR to obtaining a license:

Violation Number	Description / HFS 172 Reference Number / Corrective Action Required at Change of System or Change of Operator
	CORRECTIVE ACTION:

ADDITIONAL COMMENTS:

NOTE: VIOLATIONS WHICH REQUIRE GREATER THAN ONE RE-INSPECTION TO CORRECT OR ANY NEW VIOLATIONS FOUND DURING RE-INSPECTION SHALL RESULT IN THE ISSUANCE OF A RE-INSPECTION FEE OF \$100.00.

SIGNATURE - Sanitarian

SIGNATURE - Licensee or Employee